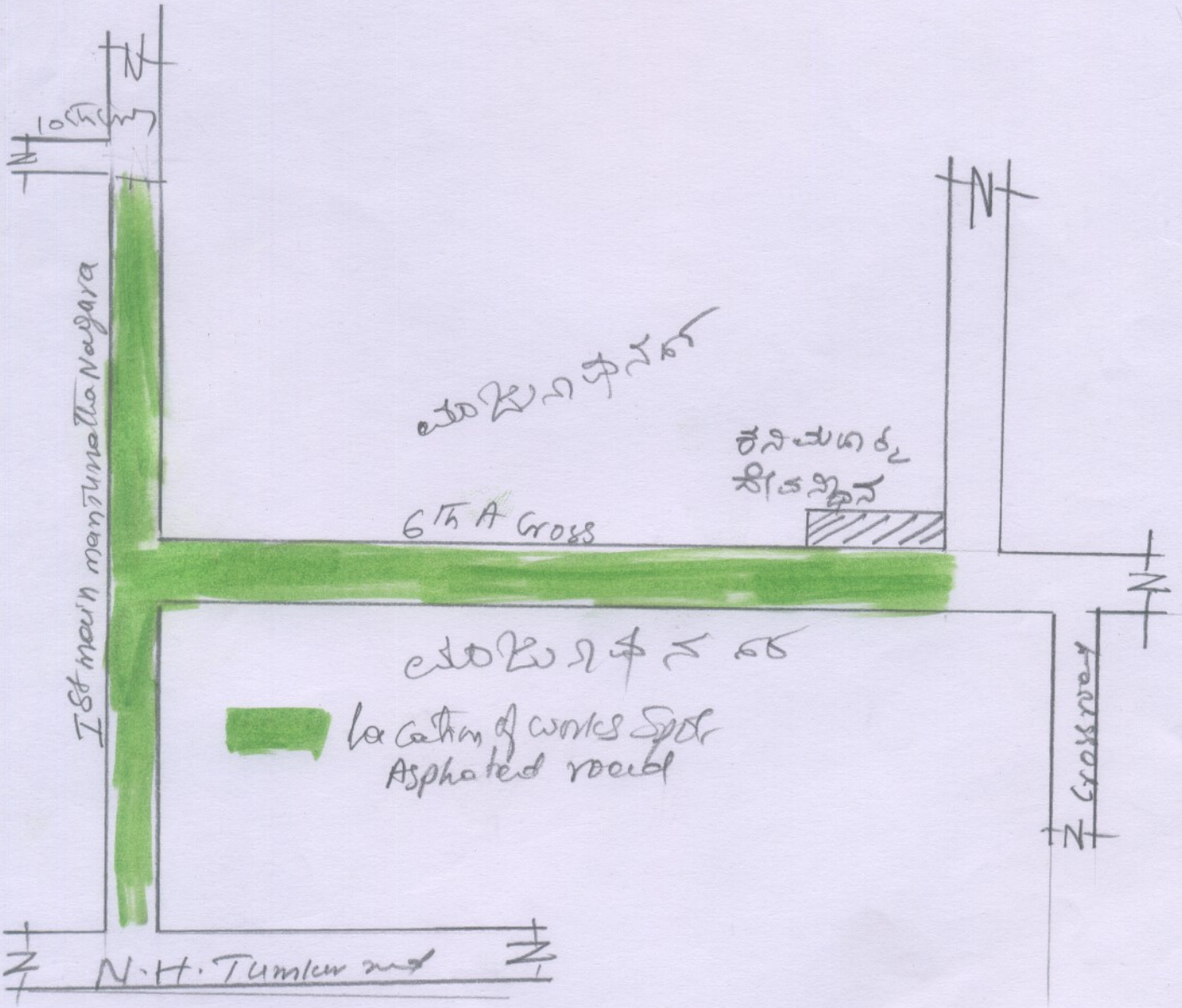
Name of work:- Improvement to D&B main 6th A cross & other cross roads at Mantunatha Nagara in Bagalagunte W. No. 19.



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE,

Office of the Assistant Executive Engineer

T.Dasarahalli Sub Division.

Name of Work: Improvements to 1st Main, 6th A Cross & other cross roads at Manjunatha Nagara in Bagalagunte Ward No 14, T.Dasarahalli Sub Division

Est Cost Rs.50.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvements to 1st Main, 6th A Cross & other cross roads a Manjunatha Nagara in Bagalagunte Ward No 14, T.Dasarahalli Sub Division

			Est. Cost Rs				50.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in **Hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.141/I.19.1 PW, P & IWTD -SR 2015-16)								
		Cum	1	729.00	6.00	0.15	656.10		
							656.10	83.16	**54561.00**
	Basic Rate	77.00							
	Add Area Weightage 8%	6.16							
	Total	**83.16**							
2	KSRRB M400-1 For Grading I material construction of **granular sub-base** by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material . Page No 155/ Item No. 20.6.1 PWD SR 2015-16								
		Cum	1	729.00	6.00	0.10	437.40		
	Basic Rate	1353.00					**437.40**	1461.24	639145.00
	Add Area Weightage 8%	108.24							
	TOTAL	**1461.24**							

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
3	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2015-16, P.No.154, I No.20.18)								
	Roads	Cum.	1	729.00	6.00	0.23	**1006.02**	1713.96	**1724278.00**
	Basic Rate	1587.00							
	Add Area Weightage 8%	126.96							
	Total	**1713.96**							
4	Providing and applying **primer coat** with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWDSR 2015-16, P.No.157, I No.21.6)								
		Sqm	1	729.00	6.00		4374.00		
							4374.00	32.40	**141718.00**
	Basic Rate	30.00							
	Add Area Weightage 8%	2.40							
	Total	**32.40**							
5	Providing and laying **bituminous concrete** with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen (p-164, lt 21.22.6) PWD SR 2015-16								
		Cum	1	729.00	6.00	0.05	196.83		
	Basic Rate	9095.00					**196.83**	9822.60	1933382.00

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Add Area Weightage 8%	727.60							
	Total	9822.60							
6	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2015-16								
		Cum	Qty Vide Item No. 1				656.10	84.50	55440.00
	Loading and	68.00							
	Lead 4 KMs	10.24							
		78.24							
	Area Weightage @ 8%	6.26							
	Total	84.50							
7	KRIDL Charges 8+1=9 %								450000
8	Miscellaneous and UnforessenCharges								1475.00
								Total	5000000.00

(Rupees Fifty Lakhs Only)

CERTIFICATE:-

1. The Work spot has been inspected and the work is found to be necessary
2. The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3. The Provision made in estimate are adequate and essential.
4. This area comes under BBMP limits.

Assistant Engineer
Bagalagunte Ward 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. CE/DZ/TS/71/2016-17. ದಿನಾಂಕ : 23-11-16
ರೂ. 50.00 lakh [Rupees Fifty lakhs only]
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. JC/D/AS/PR/53/16-17 ದಿನಾಂಕ : 23/11/16
ರೂ. 50.00 lakhs Only (Rupees Fifty lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.